

**Notice of Allowability**

Application No.

09/994,839

Examiner

Ting Zhou

Applicant(s)

LEE, JAE KYUNG

Art Unit

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 28 February 2006.
2. ☒ The allowed claim(s) is/are 1-13 and 15-23.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

### **DETAILED ACTION**

1. The amendment filed on 28 February 2006 have been received and entered. Claims 1-13 and 15-23 as amended are pending in the application.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. John Eisenhart (Reg. No. 38,128) on 25 April 2006.

3. The application has been amended as follows:

4. Claim 17 is amended to read:

Claim 17. The apparatus of claim 16, wherein said microcomputer, when a signal is input, adapts an operating mode of the video apparatus to operate the at least one peripheral apparatus connected to the connector.

5. Claim 21 is amended to read:

Claim 21. The method of claim 1, wherein the terminals of the video apparatus are terminals on a single component of the video apparatus.

6. Claim 22 is amended to read:

Claim 22. The method of claim 7, wherein the predetermined portions of the video apparatus are portions of a single component of the video apparatus.

7. Claim 23 is amended to read:

Claim 23. The apparatus of claim 13, wherein the predetermined portions of the video apparatus are portions of a single component of the video apparatus.

*Allowable Subject Matter*

8. Claims 1-13 and 15-23 are allowed.

9. The following is an examiner's statement of reasons for allowance: The present invention teaches a method for graphically displaying a manual of a video apparatus. Each of the independent claims identifies the distinct feature of "successively selecting and graphically marking sections of the plurality of terminals of the video apparatus in an initial predetermined display order" or "successively selecting and graphically highlighting the images of predetermined portions of the video apparatus". The closest prior art, Vazquez et al. in the article titled "Supporting Flexible Assembly Through Human Factors", published in the *PROCEEDINGS of the HUMAN FACTORS AND ERGONOMICS SOCIETY 41<sup>st</sup> ANNUAL MEETING* in 1997 (hereinafter "Vazquez") and Perlman U.S. Patent 6,829,779, teach the graphical display of a manual for a video apparatus. In the case of the Vazquez reference,

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Vazquez teaches the graphical display of assembly instructions and illustrations for a product in response to user selection. In the case of the Perlman reference, Perlman teaches the display of setup instructions for connecting a video apparatus. However, the prior art fails to teach successively selecting and marking, i.e. highlighting predetermined portions of the video apparatus, i.e. sections of the plurality of terminals, and thus fails to anticipate or render the above limitations obvious.

10. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (571) 272-4058. The examiner can normally be reached on Monday - Friday 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached at (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TZ

A handwritten signature in black ink, appearing to read 'Kieu D. Vu', with a stylized flourish at the end.

KIEU D. VU  
PRIMARY EXAMINER